For Official Use Only - Familiarization Tour Video Script
Video Tape of Filter Bed Area
(approximately 6 minutes)

Active North Filter Bed

The Active North Filter Bed Area is located within the fenced area. It is currently in use. Currently, the sanitary sewer lines leaving Buildings JN-1, JN-2, and JN-3 join the line carrying sewage to the Active North Filter Bed.

Concentrations of Isotopes

As previously mentioned, the Ohio Field Office web site is providing radiological conditions. The soil areas have been characterized radiologically by taking soil samples within a grid pattern at various depths. Concentrations of isotopes in soil samples are being provided on the web site. The web site is also posting a utilities map showing which lines have been investigated for internal contamination.

Filter Bed Area From The Road

We are looking northeast at the Abandoned Filter Bed area and the Active Middle Treatment System, which are surrounded by a security fence. We will be going inside that security fence to take a closer look.

Filter Bed Area Inside The Security Fence

Beginning south of the WIDE system processing building, you will see the areas located within the security fence area in counter clockwise order.

Abandoned North Filter Bed Area

This is the Abandoned North Filter Bed Area with the WIDE System installed.

We are now facing northwest and observing the WIDE system.

Continuing to face northwest, we are now looking at the part of the Abandoned North Filter Bed area which is north of the WIDE system.

Old Middle Filter Bed

Continuing to look northwest, the Old Middle Filter Bed is in this area, but is no longer readily visible.

Excavation North of the Wide System

Soil has been excavated and backfilled in this area to remove Cesium contamination. There still remains Cesium contamination in this area above NRC release limits.

Active Middle Treatment System

We are now facing southwest and looking at the Active Middle Treatment System. We are standing directly east of the Active Middle Treatment System and looking at the sand filters

which are associated with that treatment system.

Big Darby Creek

Looking further east in the distance we can see the opposite bank of the Big Darby Creek through the trees. We have now zoomed in on the Big Darby Creek. We are looking at the bank on the opposite side of the creek and you can see, up higher on that bank, there is a tree sloping to the left.

Excavation North of the Wide System Again

We are looking again at the excavated area of the Abandoned North Filter Bed, north of where the WIDE system is installed. A number of soil samples have been taken in this area to establish the boundaries of the contaminated area.

WIDE Processing Building and Wells.

We are back where we started within the fenced in area and we are looking at the WIDE processing building and the WIDE system to the right. The WIDE system includes approximately 2000 wells which have been installed in the abandoned north filter bed area which is contaminated with Cesium-137 in excess of NRC limits. The wells, piping and the equipment inside the WIDE system processing building enable liquid to be injected into the filter bed and withdrawn from it. The liquid can be then processed in the WIDE system processing building to remove any Cesium-137 which has been carried out of the filter bed by the liquid. Testing to establish injection conditions has been completed.

Concentrations of Isotopes

Concentrations of isotopes in soil samples are being provided on the web site.